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I.C.C. DOCKET NO. 04-0075

Plaintiff's Exhibit No. 1

Witness

Date 4/08/05 Reporter DP

G. Michael Ziegler, PE, PTOE

Vice President, Traffic Operations

Years Experience 20
Years With CBBEL 10

Education

Bachelor of Science
Civil Engineering
North Carolina State University

Professional Registration

Professional Engineer
Illinois 062-045853

Professional Traffic Operations Engineer

IMSA Traffic Signal Technician Level II

Employment History

1995 to present, Christopher B. Burke Engineering, Ltd.
1985 to 1995, Barton-Aschman Associates, Inc.

Experience

Professional Traffic Operations Engineer with 20 years of experience. Responsible for projects involving traffic signal and system design, Intersection Design Studies, traffic operations analysis, signal system timing implementation and monitoring, and general traffic engineering studies. Expertise in Intersection Design Studies, traffic signal design, Signal Coordination and Timing Studies (SCAT) and traffic operations analysis. Project manager for a wide variety of public sector traffic and transportation engineering projects. Managed projects for the Illinois Department of Transportation (IDOT), Lake County Division of Transportation, Cook County Highway Department and several local municipalities.

Projects

City of Naperville

83rd Street and Book Road Intersection
Channelization and Permanent Traffic Signal Improvements

U.S. 34 (Ogden Avenue) and 5th Avenue
Intersection Design Study and Permanent Traffic Signal Improvements

111th Street and Thatcher
Permanent Traffic Signal Improvements and Signal System Interconnect

87th Street
Fiber Optic Closed Loop Signal System

Brach/Brodie Property, IL Route 59 and 75th Street
Intersection Design Studies and Traffic Signal Improvements

Ondeo Nalco, Diehl Road and East Entrance
Permanent Traffic Signal Improvements and Fiber Optic Closed Loop System

Edwards Hospital, Washington Street and Emergency Room Access Drive
Traffic Signal Improvements

Cook County Highway Department

G. Michael Ziegler, PE, PTOE

Vice President, Traffic Operations

Years Experience 20
Years With CBBEL 10

99-8TSDS-03-ES
Electrical Plan Design Services

01-8TSDS-05-ES
Electrical Plan Design Services

03-8TSDS-06-ES
Electrical Plan Design Services

Arlington Heights Road
Fiber Optic Closed Loop Signal System design with Signal Coordination and Timing (SCAT)

Lake-Cook Road
Fiber Optic Closed Loop Signal System design with Signal Coordination and Timing (SCAT)

Meacham Road
Fiber Optic Closed Loop Signal System design with Signal Coordination and Timing (SCAT)

Illinois Department of Transportation

Des Plaines River Rd
Phase I: US Route 12 to Devon Avenue

Central Office, PTB 113-51
Signal Coordination and Timing (SCAT) Studies

Central Office, PTB 124-58
Signal Coordination and Timing (SCAT) Studies

Central Office, PTB 130-14
Signal Coordination and Timing (SCAT) Studies

Central Office, PTB 134-14
Signal Coordination and Timing (SCAT) Studies

District 1, PSB 91-07
Traffic Signal Design Services

District 1, PSB 95-07
Traffic Signal Design Services

District 1, PSB 99-09
Traffic Signal Design Services

District 1, PTB 111-14
Traffic Signal Design Services

Lake County Division of Transportation

G. Michael Ziegler, PE, PTOE

Vice President, Traffic Operations

Years Experience 20
Years With CBBEL 10

Butterfield Road (South)
Phases I and II, Intersection Design Studies, Temporary and Permanent Signal Improvements, Video Detection System and Closed Loop Signal System

Butterfield Road (North)
Phases I and II, Intersection Design Studies, Temporary and Permanent Signal Improvements, Video Detection System and Closed Loop Signal System

Aptakisic Road
Fiber Optic Closed Loop Signal System and Video Detection Improvements

Delany Road
Fiber Optic Closed Loop Signal System and Video Detection Improvements

Rollins Road
Fiber Optic Closed Loop Signal System and Traffic Signal Improvements

McHenry County Highway Department

Algonquin Road and Square Barn Road
Temporary Traffic Signal and Video Detection System Improvements

Randall Road: Harnish Drive to Miller Road
Fiber Optic Closed Loop Signal System Improvements

Chapel Hill Road and Bay Road
Intersection Channelization and Traffic Signal Installation

River Road and Miller Road
Temporary Traffic Signal Improvements

Other Projects

IL Route 60 (Townline Road) and Field Drive/Saunders Road, Lake Forest
Phases I & II, Intersection Design Study, Roadway and Traffic Signal Improvements

Kildeer Commons, U.S. Route 12 (Rand Road) and Quentin Road, Kildeer
Intersection Design Studies, Temporary and Permanent Traffic Signal Improvements and Fiber Optic Closed Loop System

Cherry Hill Business Park, New Lenox
Transportation Study

North Central Council of Mayors, Various Routes
Emergency Vehicle Preemption, Design and Construction Engineering

Southwest Highway and Ridgeland Avenue, Chicago Ridge
Intersection Improvements Phase I Project Development Report and Phase II Engineering

U.S. Route 14 and Foxmoor Road, Fox River Grove
Intersection Design Study, Traffic Signal/Railroad Report and Traffic Signal Improvements

IL Route 62 (Algonquin Road) and IL Route 58 (Golf Road), Rolling Meadows
Intersection and Traffic Signal Improvements with In-Pavement Lighting

Professional Affiliations

American Society of Civil Engineers
Institute of Transportation Engineers
International Municipal Signal Association

G. Michael Ziegler, PE, PTOE

Vice President, Traffic Operations

Years Experience 20
Years With CBBEL 10

Professional Development

Traffic Signal Design and Traffic Operations
Georgia Institute of Technology, Econolite Users Group, Eagle Users Group

1999 IDOT District 1 Traffic Signal Design Guidelines Seminar
Consulting Engineers Council of Illinois (Developed and Presented)

2002 IDOT District 1 Traffic Signal Design Guidelines Seminar
Consulting Engineers Council of Illinois (Developed and Presented)

(REV. 03/05)

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Plaintiffs Exhibit No. 2

Witness _____

Date 4/26/05 Reporter DFM

JOHN V. AMBROSE, P.E.
VICE PRESIDENT

Academic Credentials

BS, Civil Engineering
Marquette University

Professional Registrations

P.E. Illinois
P.E. Indiana
P.E. Wisconsin

Professional Associations

Consulting Engineers of Illinois
Illinois Transportation and Road Builders Association
American Public Works Association

Employment History

1980-1984
Assistant Village Engineer, Village of Gurnee, Illinois

Personal Profile

During the past 20 years, John has developed strong project and design leadership capabilities focused on transportation and streetscape projects for Baxter and Woodman, Inc.. He currently manages the firm's Transportation Division. In April 1998, John was appointed Vice President and member of the firm's Board of Directors.

John's in-depth knowledge of state and federal transportation funding opportunities, his respected relationship with local Illinois Department of Transportation (IDOT) officials, and his ability to coordinate all efforts of the project team ensure that our client's projects are completed on time and within budget.

Related Experience

Illinois Department of Transportation, District One

Illinois Route 120 at Cedar Lake and Bacon Road, Lake County

Project manager responsible for coordinating all aspects of Phase I engineering services - data collection (including traffic counts), roadway survey, preparation of base maps and mosaics, accident analysis, alternate geometric studies, intersection design studies, project report preparation, location drainage study, air quality analysis, wetland impact evaluation form submittal, preliminary construction cost estimates, and public involvement.

Gurnee, Illinois

Project manager for preparation of the Cemetery Road / Tri-State Parkway Surface Transportation Program (STP) Phase I Report, which included roadway reconstruction; pavement widening and resurfacing; curb, gutter, stormsewer, driveway, and a ten-foot shared-use path installation; wetlands and traffic signal replacement; modification; and interconnection.

Cary, Illinois

Project manager for the West Main Street Intermodel Surface Transportation Efficiency Act (ISTEA) -STP Improvements between U.S. Route 14 and Cary-Algonquin Road, which included preparation of a project development report (PDR) for Group II Categorical Exclusion. Project consisted of pavement widening and reconstruction of 0.73 miles on West Main Street between Cary-Algonquin Road and U.S. Route 14. An intersection design study was completed as part of the PDR. The work included traffic signal installation, new storm sewer, sanitary sewer, water main, curb and gutters, sidewalks, and landscaping.

McHenry County, Illinois

Coordinator of engineering for the McHenry County Corridor Feasibility Study for Illinois Route 31 West Bypass. John's role included the coordination of intersection design studies, drainage and hydrologic studies, and assistance with the collection of data for this study. Also included assistance with the public involvement process using understanding of local issues and concerns to effectively inform the general public through a project-specific website.

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Plaintiffs Exhibit No. 3

Witness

Date 4/05/06 Reporter DJM

JASON J. FLUHR, P.E.
Project Engineer

Academic Credentials
BS, Civil Engineering
Marquette University, 1999

Professional Registrations
P.E.: Illinois
P.E.: Wisconsin

Professional Associations
American Society of Civil Engineers

Employment History
1996 – 1999
Engineering Department,
City of West Allis, Wisconsin

Related Training
"Storm Sewer System Design," November 2000

"Traffic Impacts of Land Development," April 2004

"Designing Optimized Traffic Signals and Systems Using TEAPAC, PASSER, TRANSYT and CORSIM," February 2004

Personal Profile

Jason joined Baxter & Woodman in 1999. Jason has designed and managed several projects and has also served in the field as a Field Engineer, giving him a well-rounded knowledge. His design and construction engineering projects have primarily consisted of roadway reconstruction/rehabilitation, storm sewer and water main installation, intersection design studies, traffic signal installation, and roadway maintenance.

Jason has taken the lead on several federally funded, state funded and corporate funded projects. He has proven his leadership capability in coordinating these complicated projects with the municipality, local agencies, IDOT and the contractor.

Related Experience

Roadway, Infrastructure, Traffic Signals and Streetscape

Village of Cary, Illinois
West Main at High Road Intersection Improvements
Performed field engineering and inspection for this downtown reconstruction project which included new traffic signals, roadway reconstruction, infrastructure improvements and streetscaping. Besides ensuring proper construction, Jason was commended by the business owners for managing the construction staging operations in such a way as to ensure that businesses were not significantly interrupted during construction.

Highwood, Illinois
Sheridan Road Improvements
Project Engineer for this $2.4 million downtown enhancement project which included pavement widening, pavement resurfacing, storm sewer and water main improvements, new traffic signals, and streetscape throughout the downtown area. The streetscape included trees in grates, raised planter areas, brick sidewalk, and decorative street lighting and traffic signals. This project was completed in the summer of 2004.

Roadway and Infrastructure

Village of Cary, Illinois
West Main Street Improvements
Project Engineer for this $1.9 million project which included reconstruction of 3/4 miles of roadway between High Road and Cary-Algonquin Road. The reconstruction consisted of concrete curb and gutter, storm sewer, sanitary sewer, water main, driveway, and sidewalk replacement. The project was staged to ensure one-way traffic was maintained to allow businesses and residents access at all times.

Village of Cary, Illinois
Hilltop Subdivision Improvements
Project Manager for the design of this $1.0 million project which included reconstruction of all streets in this subdivision. These improvements were completed in the fall of 2004 and consisted of water main replacement, and reconstructing the streets from a rural to an urban cross section by installing curbs and gutters and a storm sewer system utilizing dry wells

Roadway, Traffic Signals

Village of Cary, Illinois
Three Oaks Road Improvements
Project Engineer for Phase I report and Phase II plans for this $900,000 federally-funded project on Three Oaks Road between U.S. Route 14 and Sage Products which included construction of concrete curb and gutter, a storm sewer system with dry wells, and traffic signals at the intersection of Three Oaks Road and Georgetown Road. The main focus of this project was to reconstruct the roadway from a two-lane section to a three-lane section, to improve the horizontal and vertical alignments to provide proper sight distance for drivers, and to install traffic signals at the intersection of Three Oaks Road and Georgetown Road.

City of Elgin, Illinois
Summit/Waverly and Summit/Dundee Intersection Improvements
Project Engineer for Phase I design of the intersection of Summit Street and Dundee Avenue and for Phase II design for the intersection of Summit Street and Waverly Road. The intersection of Summit and Waverly was constructed in 2003 and involved roadway widening, new concrete curb and gutter, storm sewer improvements, and new traffic signals. The intersection of Summit and Dundee involves the realignment of one the leg of the intersection, building demolition and right of way acquisition, roadway widening, curb and gutter, lane channelization, and new traffic signals.

Roadway

Village of Cary, Illinois
Spring/High/Cary Street Improvements
Project Manager for the design of this $900,000 project which included roadway reconstruction and realignment, and installation of curb and gutter, sidewalk, and storm sewer on three streets in downtown Cary. At the Village's request, Jason also performed engineering and inspection on this project which was completed in the summer of 2004.

City of Crystal Lake, Illinois
Lake Avenue / Lake Shore Drive / Country Club Road Intersection Improvements
Project Engineer and Project Manager for this $500,000 project which includes roadway realignment and reconstruction of two of the roads, and roadway widening on the third road. Currently these three roads intersect at the same point and cause driver confusion and safely hazards because of poor sight distance and poor geometry. Two of the roads will be realigned to create two separate intersections and a new storm sewer will be installed to alleviate the flooding problems at the intersection. The project is currently being constructed.

Village of Fox River Grove, Illinois
U.S. Route 14 @ Algonquin Road Right Turn
Project Engineer for Phase I Design Report and is currently working on Phase II design for this federally-funded project, which consists of construction of a right turn lane on U.S. Route 14 at Algonquin Road to reduce backups caused by right turners waiting for trains. This project is estimated to cost $250,000 and consists of concrete pavement widening, and railroad signal and traffic signal modifications.

Village of Huntley, Illinois
Woodstock Street Brick Restoration
Project Engineer for the Woodstock Street Brick Restoration Project. This project involved the restoration of an historic brick street. It included placing new brick, as well as salvaging as many existing antique bricks as possible.

Village of West Dundee, Illinois
Sleepy Hollow Road Reconstruction
Project Engineer for this roadway reconstruction project which consists of approximately 0.6 miles of roadway realignment and reconstruction between Huntley Road and IL Route 72. Sleepy Hollow Road will be changed from a rural cross section to an urban cross section by installing new curb and gutter and a storm sewer system. This project is scheduled to begin in the summer of 2005.

Maintenance Projects
From 1999 to 2005, Jason has been Project Engineer and/or Project Manager for several roadway maintenance projects with construction costs of $100,000 to $2.4 million, which have consisted of pavement reconstruction, pavement widening, pavement recycling, pavement rehabilitation, pavement resurfacing, storm sewer and water main improvements and curb and gutter repairs. These communities along with the project years are listed below.

Village of Buffalo Grove, Illinois	**2000-2005**
Geneva Township, Wisconsin	**2000**
City of McHenry, Illinois	**2000-2001**
Village of North Barrington	**2004**
Village of South Elgin	**2004-2005**
City of Twin Lakes, Wisconsin	**2000**
Village of Vernon Hills, Illinois	**2000**
Village of West Dundee, Illinois	**2002-2005**
City of Zion, Illinois	**2002, 2005**

Traffic Signals

Village of Elkhorn, Wisconsin
State Highway 67 Reconstruction
Project Engineer for this project which included traffic signal installation as part of the State Highway 67 reconstruction project, which was constructed in 2003. Since State Highway 67 is a state route, this project was designed with the State of Wisconsin overseeing the design. The proposed improvements include roadway reconstruction, curb and gutter replacement, storm sewer and sanitary replacement, and traffic signal installation.

Village of Elkhorn, Wisconsin
STH 67 and Market Street Intersection Improvements
Project Engineer for this federally-funded project which included an access study with regards to the surrounding businesses, traffic signal installation, re-channelization of the intersection, and resurfacing. Since federal funds were used for this project, Jason prepared the Plans and construction documents in accordance with Wisconsin DOT standards. This project is scheduled to be constructed in the summer of 2005.

Village of Grayslake, Illinois
IL Route 83 at Library Lane
Project Engineer for this $600,000 project which consisted of an Intersection Design Study (IDS); widening IL Route 83 to add a left turn lane; pavement resurfacing; drainage improvements; and realigning Library Lane and installing new traffic signals at the intersection to allow for safer access into and out of the Grayslake Middle School.

Illinois Department of Transportation
Wolf Road, Village of Wheeling
Project Engineer for this project which consisted of an Intersection Design Study, proposed traffic signals and traffic signal interconnect as part of the Wolf Road widening project in the Village of Wheeling. Wolf Road is currently a state route that will be turned over to the Village of Wheeling after the proposed improvements are completed which including roadway widening, resurfacing, curb and gutter replacement, storm sewer improvements, and traffic signal installation.

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Plaintiffs Exhibit No. 4

Witness _____

Date 4/28/05 Reporter DJW

[redacted]

Fox River Grove Intersection Improvements
Existing Intersection Condition on
U.S. Route 14 and Algonguin Road

Right-turning traffic stopped by train causes traffic back-up
On southbound U.S. Route 14.